

**REMARKS**

Claims 1-20 are pending in the application.

Claims 1, 11 and 12 have been amended in order to more particularly point out, and distinctly claim the subject matter to which the applicant regards as his invention. It is believed that this Amendment is fully responsive to the Office Action dated **April 14, 2003**.

**Claim Rejections under 35 USC §112**

**Claims 1-18 are rejected under 35 USC §112, first paragraph, as containing subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention.**

One objective of the present invention is to provide a printer controller, a printer system and a recording medium for the same, without providing a storage means for storing printing data, and capable of realizing minimum page skipping and minimum double printing and capable of assuring printing data without deteriorating the performance of the printer when the printing is resumed after an error has been corrected. More specifically, the printer controller of the present invention receives printing data for each page from a host, transfers the printing data to a printer and controls the printer to print the printing data while monitoring states thereof.

As correctly pointed out by the Office, the controller does indeed contain a CPU, a RAM and a ROM. These RAM and ROM facilitate normal operation of the CPU and receiving as well as transferring printing data functions. These receiving and transferring functions cannot

be achieved without any RAM or ROM. However, it is indeed true that no amount of RAM and ROM are separately dedicated to store the printing data after the transferring function is completed. In other words, once the printing data are transferred to the printer, they are no longer retained in either the RAM or ROM of the printer.

In the outstanding Office action, the Office has specifically stated that “page 23 of the written specification seems to explain that when printing is resumed after an error occurred in a printer”, “this is done without providing a storage means for storing printing data.” It should be noted that page 23 is certainly not the only place that supports this position, the same position is also supported by way of an example on page 2 between lines 28-31.

Given that the Office has identified clear support on page 23 of the written specification, independent claims 1, 11 and 12 have been amended to include the claim language of a “printer without retaining any of the printing data when printing is resumed after an error has occurred in the printer.” By so amending, independent claims 1, 11 and 12 are fully enabled to a person of ordinary skill in the art.

Reconsideration and withdrawal of this rejection are respectfully requested.

**Claim Rejections under 35 USC §102**

**Claims 1, 3, 5, 7-12 and 14-18 are rejected under 35 USC §102(e) as being anticipated by Mizutani.**

Independent claims 1, 11 and 12 have been amended to further recite that a printer without retaining any of the printing data when printing is resumed after an error has occurred in

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the printer. These features of the claimed invention are not disclosed in Mizutani. Therefore, the claimed invention is not anticipated by Mizutani. Should the Office believe these features are disclosed in Mizutani, a citation as to the column number and line numbers is respectfully requested.

Independent claims 1 and 11-12, as newly amended, are patentably distinguished over Mizutani. All claims dependent thereon, by virtue of inherency, are also patentably distinguished over Mizutani.

**Allowable Subject Matter**

The indication of allowable subject matter in claims 2, 4, 6 and 13 is noted with appreciation. It is indicated that these claims will be allowed once the 35 U.S.C. 112, second paragraph is overcome. Since there is not any 35 U.S.C. 112, second paragraph in this Office action, it is the Applicant's understanding that the Office might have meant the 35 U.S.C. 112, first paragraph rejection. As has already been mentioned in response to the 35 U.S.C. 112, first paragraph rejection, claims 1 and 11-12 are amended to overcome this rejection. Accordingly, allowance of these claims is respectfully requested.

The allowance of claims 19-20 is noted with appreciation.

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**Conclusion**

In view of the aforementioned amendments and accompanying remarks, all pending claims are in condition for allowance, which action, at an early date, is requested.

If, for any reason, it is felt that this application is not now in condition for allowance, the Examiner is requested to contact the Applicant's undersigned attorney at the telephone number indicated below to arrange for an interview to expedite the disposition of this case.

In the event that this paper is not timely filed, Applicant respectfully petitions for an appropriate extension of time. Please charge any fees for such an extension of time and any other fees which may be due with respect to this paper, to Deposit Account No. 50-2866.

Respectfully submitted,

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